

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
(REV. 7-80) PATENT AND TRADEMARK OFFICE**LIST OF PRIOR ART
CITED BY APPLICANT**

(Use several sheets if necessary)

**Atty. Docket No.**
14311**Serial No.**
09/680,291**Applicant**
Alexander P. Moravsky et al.**Filing Date**
October 6, 2000**Group**
2879**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
/ AP/	1	6,517,800	02-2003	Cheng et al.			
	2	6,790,426	09-2004	Ohsaki, Takashi			
	3	6,692,717	02-2004	Smalley et al.			
	4	5,747,161	05/05/1998	Iijima			
/ AP/	5	5,830,326	11/03/1998	Iijima			

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/ AP/	6	Bacsa, R.R. et al. "High specific surface area carbon nanotubes from catalytic chemical vapor deposition process", <i>Chemical Physics Letters</i> 323: 566-571 (2000)						
	7	Cassell et al., "Large Scale CVD Synthesis of Single-Walled Carbon Nanotubes", <i>J. Phys. Chem. B.</i> , 103 (31): 6484-6492 (1999)						
	8	Cheng, H.M. et al., "Large-scale and low-cost synthesis of single-walled carbon nanotubes by the catalytic pyrolysis of hydrocarbons", <i>Applied Physics Letters</i> , 72(25): 3282-3284 (1998)						
	9	Cheng, H.M. et al., "Bulk morphology and diameter distribution of single-walled carbon nanotubes synthesized by catalytic decomposition of hydrocarbons", <i>Chemical Physics Letters</i> 289: 602-610 (1998)						
	10	Colomer, J.F., et al., "Synthesis of single-wall carbon nanotubes by catalytic decomposition of hydrocarbons", <i>Chem. Comm.</i> : 1343-1344 (1999)						
	11	Flahaut, E., et al., "Synthesis of single-walled carbon nanotube-Co-MgO composite powders and extraction of the nanotubes", <i>The Royal Society of Chemistry</i> : 249-252 (2000)						
	12	Dai, Hongjie et al., "Single-wall nanotubes produced by metal-catalyzed disproportionation of carbon monoxide", <i>Chemical Physics Letters</i> 260: 471-475 (1996)						
	13	Hafner, Jason H. et al., "catalytic growth of single-wall carbon nanotubes from metal particles", <i>Chemical Physics Letters</i> 296: 195-202 (1998)						
	14	Hernadi, K. et al., "Synthesis, Properties & Application - Catalytic Synthesis of Carbon Nanotubes", <i>Springer Series</i> , 33: 81-97 (1998)						
	15	Hiraoka, Tatsuki, et al. "Selective synthesis of double-wall carbon nanotubes by CCVD of acetylene using zeolite supports", <i>Chemical Physics Letters</i> 382: 679-685 (2003)						
/ AP/	16	Hong, H. et al., "Chemical vapor deposition of single-wall carbon nanotubes on iron-film-coated sapphire substrates", <i>Chemical Physics Letters</i> 361: 349-354 (2002)						

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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/ AP/	17	Hutchison, J.L. et al., "Double-walled carbon nanotubes fabricated by a hydrogen arc discharge method", <i>Carbon</i> 39: 761-770 (2001)
	18	Kiang, C. et al., "Catalytic Synthesis of Single-Layer Carbon Nanotubes with a Wide Range of Diameters", <i>J. Phys. Chem.</i> 98: 6612-6618 (1994)
	19	Kitiyannan, et al., "Controlled production of single-wall carbon nanotubes by catalytic decomposition of CO on bimetallic Co-Mo catalysts", <i>Chemical Physics Letters</i> 317: 497-503 (2000)
	20	Li, Qingwen et al., "Pulsed CVD growth of single-walled carbon nanotubes", <i>Carbon</i> : 2873-2884 (2003)
	21	Li, W.Z. et al., "Clean double-walled carbon nanotubes synthesized by CVD", <i>Chemical Physics Letters</i> 368: 299-306 (2003)
	22	Liu, C. et al., "Semi-continuous synthesis of single-walled carbon nanotubes by a hydrogen arc discharge method", <i>Carbon</i> 37: 1865-1868 (1999)
	23	Peigney, Alain et al., "A study of the Formation of Single- and Double- Walled Carbon Nanotubes by a CVD Method", <i>J. Phys. Chem. B</i> : 105: 9699-9710 (2001)
	24	Resasco, W.E., et al., "A scalable process for production of single-walled carbon nanotubes (SWNTs) by catalytic disproportionation of CO on a solid catalyst", <i>Journal of Nanoparticle Research</i> , 4: 131-136 (2002)
	25	Saito, Yahachi, et al., "Growth Conditions of Double-Walled Carbon Nanotubes in Arc Discharge", <i>J. Phys. Chem. B</i> , 107: 931-934 (2003)
	26	Zhou Zhenping, et al., "Producing cleaner double-walled carbon nanotubes in a floating catalyst system", <i>Carbon</i> , 41: 2607-2611 (2003)
	27	Zhou Zhenping, et al., "Controllable growth of double wall carbon nanotubes in a floating catalyst system", <i>Carbon</i> , 41: 337-342 (2003)
/ AP/	28	Zhu, Hongwei, et al., "A new method for synthesizing double-walled carbon nanotubes", <i>Carbon</i> 40: 2021-2040 (2002)

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